Appl. No. 10/671,626 Amendment dated June 8, 2006 Reply to OA of February 8, 2006

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

- 1. (Cancelled)
- 2. (Currently amended) A fluorescent display device wherein light is emitted by impinging a low speed electron beam on a phosphor layer formed on an anode, wherein the phosphor layer comprises a phosphor and a compound containing at least one of P, K and Na and a compound containing W.
- 3. (Cancelled)
- 4. (Currently amended) A fluorescent display device wherein light is emitted by impinging a low speed electron beam on a phosphor layer formed on an anode, wherein the phosphor layer comprises a compound selected from the group consisting of K_3PO_4 , P_2O_5 NaPO₃ and Na₂SiO₃, the compound being added in an amount of 0.01 to 10.00 wt% to the phosphor layer, and another compound containing W.
- 5. (Previously presented) The device of claims 2 or 4, wherein the phosphor layer is a compound containing at least one selected from the group consisting of a (Zn,Mg)O system phosphor, a ZnO:Zn phosphor, Ln_2O_2S :Re (wherein Ln is La, Gd or Lu; and Re is Eu or Tb), $ZnGa_2O_4$ and $ZnGa_2O_4$:Mn.

2

Appl. No. 10/671,626 Amendment dated June 8, 2006 Reply to OA of February 8, 2006

6. (Currently amended) A phosphor paste comprising:

a phosphor containing at least one selected from the group consisting of a (Zn,Mg)O system phosphor, ZnO:Zn, Ln_2O_2S :Re(wherein Ln is La, Gd or Lu; and Re is Eu or Tb), $ZnGa_2O_4$ and $ZnGa_2O_4$:Mn; and

a compound containing at least one selected from the group consisting of K_3PO_4 , P_2O_5 NaPO₃ and Na₂SiO₃,

wherein the compound being added in an amount of 0.01 to 10.00 wt% to the phosphor.

7. (Currently amended) A phosphor paste comprising:

a phosphor containing at least one selected from the group consisting of a (Zn,Mg)O system phosphor, ZnO:Zn, Ln_2O_2S :Re(wherein Ln is La, Gd or Lu; and Re is Eu or Tb), $ZnGa_2O_4$ and $ZnGa_2O_4$:Mn;

a compound containing at least one selected from the group consisting of K_3PO_4 , P_2O_5 NaPO₃ and Na₂SiO₃, wherein the compound being added in an amount of 0.01 to 10.00 wt% to the phosphor; and

another compound containing W.

8. (Previously presented) A phosphor paste comprising:

- a phosphor;
- a first compound containing at least one of P, K and Na; and
- a second compound containing W.
- 9. (Currently amended) The phosphor paste of claim 8, wherein the first compound is selected from the group consisting of K_3PO_4 , P_2O_5 NaPO₃ and Na₂SiO₃, the compound being added in an amount of 0.01 to 10.00 wt% to the phosphor.